

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTION SUB. REPORT/abd.

991210 APD EXT TO 12-9-2000;

DATE FILED NOVEMBER 19, 1998

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

UTU-66425

INDIAN

DRILLING APPROVED: DECEMBER 16, 1998

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED:

FIELD: UNDESIGNATED

UNIT:

COUNTY: UINTAH

WELL NO. FED. T 42-21

API NO. 43-047-33257

LOCATION 1892 FNL FT. FROM (N) (S) LINE, 577 FEL

FT. FROM (E) (W) LINE SE NE

1/4 - 1/4 SEC. 21

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				12S	24E	21	LONE MOUNTAIN PROD.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

B. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR

Lone Mountain Production Company

3. ADDRESS OF OPERATORS

P.O. Box, 3394, Billings, MT. 59103 406-245-5077

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)

at surface 1892 FNL, 577' FEL SE/NE 651809.52
At proposed prod. Zone 577 176 4402694.27

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

24.6 Miles

15. DISTANCE FROM PROPOSED LOC. TO NEAREST PROP. OR LEASE LINE, FT. (Also to nearest drg. Unit line, if any)

577'

16. NO. OF ACRES IN LEASE

2360

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION * TO NEAREST WELL, DRILLING COMPLETED.

NA

19. PROPOSED DEPTH

5,000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATION (SHOW WHETHER DF, RT, GR, etc.)

6,164'

22. APPROX. DATE WORK WILL START

April. 1, 1998

PROPOSED CASING AND CEMENT PROGRAM

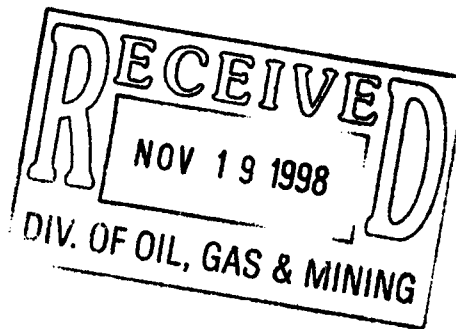
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36	300	To Surface
7 7/8	4 1/2	11.6	T.D.	Cement top to cover the oil shale

Operator requests permission to drill the subject well.

Please see the attached 10 Point and 13 Point Surface Use Plan.

If you require additional information please contact:

William Ryan
350 S., 800E.
Vernal, Utah
435-789-0968



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

24

SIGNATURE

William A Ryan

TITLE

Agent

DATE

Oct. 13, 1998

(THIS SPACE FOR FEDERAL OF STATE OFFICE USE)

PERMIT NO.

43-042-33257

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

BRADLEY G. HILL
RECLAMATION SPECIALIST III

DATE

12/16/98

Federal Approval of this
Action is Necessary

*See Instructions on Reverse Side

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

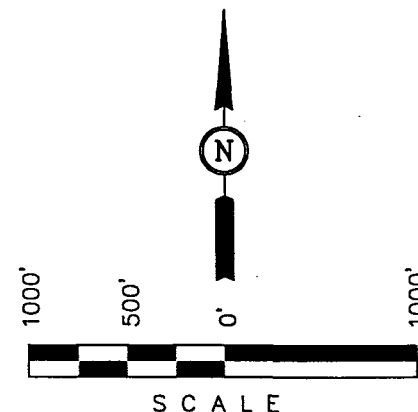
T12S, R24E, S.L.B.&M.

LONE MOUNTAIN PRODUCTION

Well location, FEDERAL T #42-21 located as shown in the SE 1/4 NE 1/4 of Section 21, T12S, R24E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED IN THE NW 1/4 SW 1/4 OF SECTION 11, T12S, R24E, S.L.B.&M. TAKEN FROM THE RAINBOW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6215 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 6-1-98	DATE DRAWN: 6-4-98
PARTY D.A. K.H. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE LONE MOUNTAIN PRODUCTION	

S89°58'W - 80.08 (G.L.O.)

Set Marked Stone

N0°03'W - (G.L.O.)

FEDERAL T #42-21

Elev. Ungraded Ground = 6164'

1892' (Comp.)

S16°54'36"W
1978.27

S0°02'W - G.L.O. (Basis of Bearings)
2635.46' (Measured)

577'

Set Stone.
0.8' High,
Scattered
Stones

N0°02'W - (G.L.O.)

21

S89°56'W - 80.12 (G.L.O.)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°45'45"
LONGITUDE = 109°13'40"

Ten Point Plan

Lone Mountain Prod., Co.

Fed. T 42-21

Surface Location SE 1/4, NE 1/4, Section 21, T. 12 S., R. 24 E.

1. Surface Formation:

Green River

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	+6,164' G.L.
Oil Shale	349	+5,815
Wasatch	2,824	+3,340
Mesaverda formation	4,574	+1,590
T.D.	5,000	+1,164

3. Producing Formation Depth:

Formation objective includes the Wasatch and its sub-members.

Off Set Well Information:

Off set well: None

4. Proposed Casing:

<u>Hole</u> <u>Size</u>	<u>Casing Grade</u> <u>Size</u> <u>Weight/Ft.</u>	<u>Setting</u> <u>& Tread</u>	<u>Casing</u> <u>Depth</u>	<u>New/Used</u>
12 1/4	9 5/8 36	J-55/STC	300	New
7 7/8	4 1/2 11.6	J-55/LTC	T.D.	New

LONE MOUNTAIN PRODUCTION COMPANY

13 POINT SURFACE USE PLAN

FOR WELL

FED. T 42-21

LOCATED IN

SE 1/4, NE 1/4

SECTION 21, T. 12 S., R. 24 E., U.S.B.&M.

UINTAH COUNTY, UTAH

LEASE NUMBER: UTU-66425

SURFACE OWNERSHIP: FEDERAL

1. Existing Roads

To reach the **Lone Mountain Production Co. well Fed. T 42-21, in Section 21, T 12 S, R 24 E**, from Bonanza, Utah:

Starting in Bonanza, Utah: proceed south on the paved road for 4 miles.

Turn south (left) on the Book Cliffs road (dirt road). Proceed south 3.9 miles to the Greeks Corrals.

Turn west (right) at the fork in the road. Proceed 8.3 miles to the Asphalt Wash sign. Stay to the south (left) of the sign.

Proceed .7 miles to the Rainbow sign. Stay to the east (left) of the sign.

Proceed 7.7 miles. The proposed access road will start at this point.

All existing roads to the proposed location are State or County Class D roads.

Please see the attached map for additional details.

2. Planned access road

The proposed location will require approximately **2,640 feet of new road** construction.

The road will be built to the following standards:

- | | |
|-----------------------|------------------|
| A) Approximate length | 2,640 Ft. |
| B) Right of Way width | 30 Ft. |
| C) Running surface | 18 Ft. |

- | | |
|----------------------------------|-------------|
| D) Surfacing material | native soil |
| E) Maximum grade | 5% |
| F) Fence crossing | one |
| G) Culvert | none |
| H) Turnouts | none |
| I) Major cuts and fills | none |
| J) Road flagged | yes |
| K) Access road surface ownership | |

Federal

- L) All new construction on lease

no

- M) Pipe line crossing

none

Please see the attached location plat for additional details.

The access road will require a right of way. The segment of access road in Section 22 is not on lease. A cattle guard will be required as indicated on the attached map.

3. Location of existing wells

The following wells are located within a one-mile radius of the location site.

- | | |
|-----------------------------------|------|
| A) Producing well | none |
| B) Water well | none |
| C) Abandoned well | none |
| D) Temp. Abandoned well | none |
| E) Disposal well | none |
| F) Drilling/Permitted well | none |
| G) Shut in wells | none |
| H) Injection well | none |
| I) Monitoring or observation well | none |

Please see the attached map for additional details.

4. Location of tank batteries, production facilities, and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a **Juniper Green** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required **paint** color is **Juniper Green**.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulations identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

If the well is capable of economic production a surface gas line will be required.

Approximately 15,700' of 4" gathering line would be constructed on Federal lands. The line would tie into a gathering line at the existing Landing Strip Fed. #44-10 in Section 10, T12S, R24E.

The proposed pipeline will require an off lease right-of-way. The segments of pipeline in Sections 22 & 10 are off lease.

Please see the attached location diagrams for pipe line location. There will be no additional surface disturbances required for the installation of a gathering line. **The pipeline will be strung down the road and boomed to the side of the road. The width of the right-of-way will be 15 feet.**

The gas meter run will be located within 500' of the well head. The gas line will be buried or anchored down from the well head to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter-proving schedule. A copy of the meter calibration report will be submitted to the **BLM's Vernal District office**. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

Water for drilling and cementing the subject well will be hauled by truck from Evacuation Creek permit # 49-1595. The Evacuation Creek distribution point is in Section 7, T11S, R25E. A second location may be used. It would be Rosewoods water station in Section 13,

T11S, R23E. Water for completion will come from the same supply or Vernal City.

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravels or pit lining material will be obtained from private sources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately 10 ft. deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will not be lined unless the pit is blasted or soil conditions would warrant a pit liner.

The reserve pit will not be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period

not to exceed 90 days after initial production. During the 90-day period an application for approval for a permanent disposal method and location will be submitted to the authorized officer.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized land fill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

9. Well-site layout

Location dimensions are as follow:

A) Pad length	325 ft.
B) Pad width	155 ft.
C) Pit depth	10 ft.
D) Pit length	180 ft.
E) Pit width	50 ft.
F) Max cut	15.4 ft.
G) Max fill	11.0 ft.
H) Total cut yds.	15,170 cu. yds.

- | | |
|-------------------------|-------------------|
| I) Pit location | west side |
| J) Top soil location | north end |
| K) Access road location | |
| | south side |
| L) Flare pit | corner B |

Please see the attached location diagram for additional details.

The reserve pit will be lined.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine-inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be

stripped off the location and the pit area. The topsoil removed and piled will amount to approximately 1,000 cubic yards of material. **Topsoil will be stockpiled in two distinct piles.**

Placement of the topsoil is noted on the attached location plat. **The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed.** When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area and walked in with the cat. **The pit area will be seeded when the soil has been spread and also walked in with the cat.** The unused portion of the location (the area outside the dead men.) will be recontoured

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled

All disturbed areas will be recontoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The

objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

Seed will be spread when the topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

B) Seed Mix

Four wing salt brush	4#/acre
Shad scale	3#/acre
Needle & thread grass	3#/acre
Western wheat grass	2#/acre

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the surface management agency for prescribed seed mixture and reseeding requirements.

11. Surface ownership:

Access road	Federal
Location	Federal
Pipe line	Federal

12. Other information

A) Vegetation:

The vegetation coverage is slight. The majority of the existing vegetation consists of sagebrush. Rabbit brush, bitter brush and Indian rice grass is also found on the location.

B) Dwellings:

There are no dwellings or other facilities within a one-mile radius of the location.

C) Archeology:

The location has not been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would effect such sites will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

The nearest water is the Evacuation Creek located 6 miles to the east.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

a) Location construction

At least forty eight (48) hours
prior to construction of location
and access roads

b) Location completion

Prior too moving on location of
the drilling rig.

c) Spud notice

At least twenty-four (24) hours
prior to spudding the well.

d) Casing string and cementing

At least twenty-four (24) hours
prior to running casing and
cementing all casing strings.

**e) BOP and related equipment
tests**

At least twenty-four (24) hours
prior to initial pressure tests.

f) First production notice

Within five (5) business days
after the new well begins, or
production resumes after well has
been off production for more than
ninety 90 days.

H) Flare pit:

The flare pit will be located in corner
B of the reserve pit out side the pit
fence and 100 feet from the bore
hole on the **south side of the
location**. All fluids will be removed
from the pit within 48 hours of
occurrence.

**13. Lessees or Operator's representative
and certification**

A) Representative

William A. Ryan

Rocky Mountain Consulting
350 South 800 East
Vernal, Utah 84078

Office 435-789-0968
Fax 435-789-0970
Cellular 435-828-0968

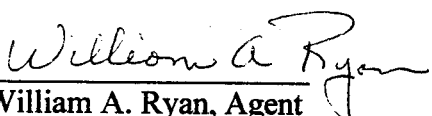
All lease and/or unit operations will
be conducted in such a manner that
full compliance is made with all
applicable laws, regulations, onshore
oil and gas orders, the applicable
laws, regulations, and any applicable
notices to lessees. The operator is
fully responsible for the actions of
his subcontractors. A copy of these
conditions will be furnished to the
field representative to ensure
compliance.

This drilling permit will be valid for
a period of one year from the date of
approval. After permit termination,
a new application will be filed for
approval for any future operations.

B) Certification

I hereby certify that I, or persons
under my direct supervision, have
inspected the proposed drill-site and
access route, that I am familiar with
the conditions which presently exist,
that the statements made in this plan
are, to the best of my knowledge and
belief, true and correct, and that the
work associated with the operation
proposed herein will be performed
by **Lone Mountain Production
Company** and its contractors and
subcontractors in conformity with
this plan and terms and conditions
with this plan and the terms and
conditions under which it is
approved.

Date Oct 13, 1998


William A. Ryan, Agent
Rocky Mountain Consulting

Statement of use of Hazardous Material

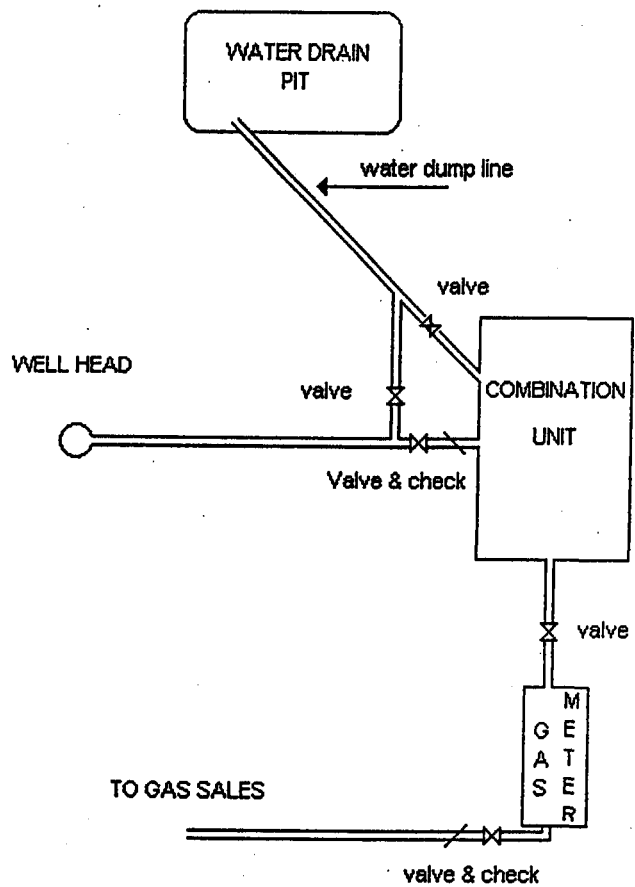
No chemical(s) from the EPA's Consolidated list of Chemicals subject to Reporting Under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986. will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

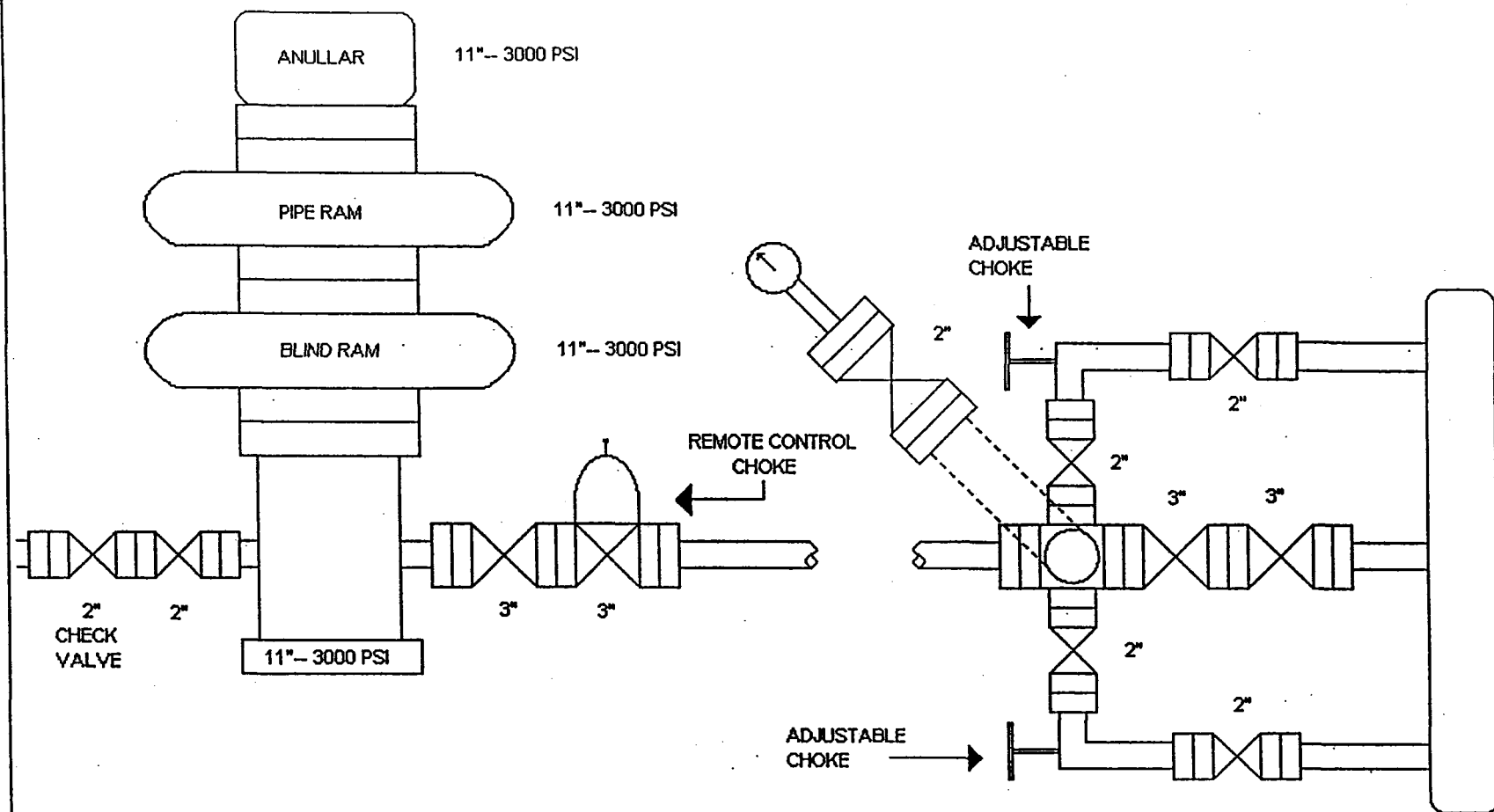
If you require additional information please contact:

William A Ryan
Agent for Lone Mountain Production Co.
Rocky Mountain Consulting
350 S. 800 E.
Vernal Utah, 84078

Telephone
(801) 789-0968 office
(801) 823-6152 cellular
(801) 789-0970 fax

LONE MOUNTAIN
TYPICAL
GAS WELL





SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per Federal requirements dated June 15, 1988.

Please be advised that Lone Mountain Prod. Co. are considered to be the operator of the following well.

Fed. T 42-21

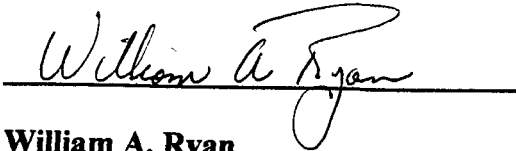
SE 1/4, NE 1/4, Section 21, T. 12 S., R. 24 E.

Lease UTU-66425

Uintah County, Utah

Lone Mountain Prod. Co. is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond UT-0719 provides state wide bond coverage on Federal lands.

A handwritten signature in cursive script, reading "William A. Ryan", is written over a horizontal line.

William A. Ryan

Agent

Rocky Mountain Consulting

350 S. 800 E.

Vernal UT 84078

435-789-0968 Office

435-828-0968 Cell

435-789-0970 Fax

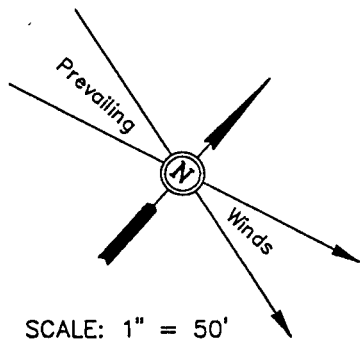
LONE MOUNTAIN PRODUCTION

LOCATION LAYOUT FOR

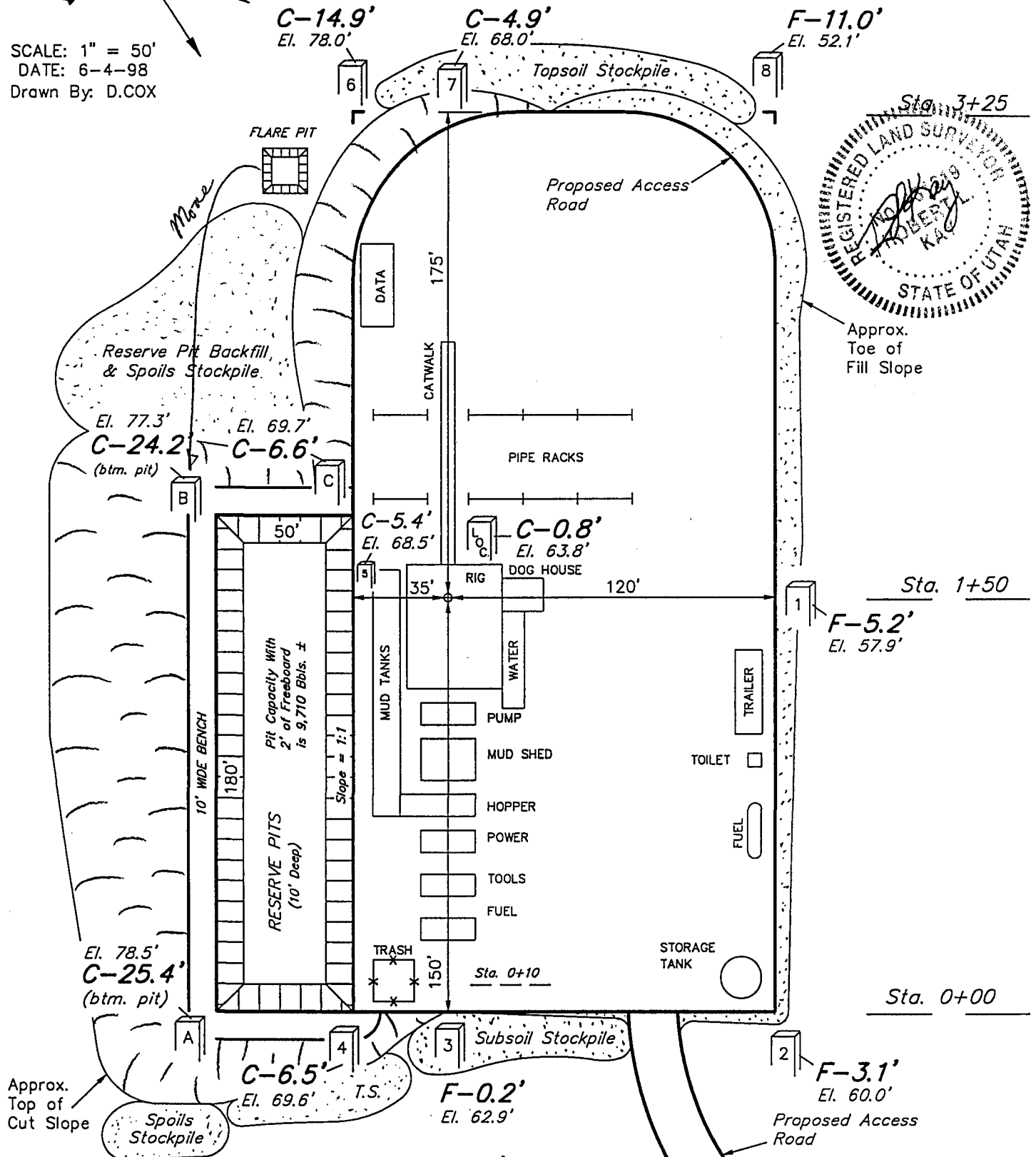
FEDERAL T #42-21

SECTION 21, T12S, R24E, S.L.B.&M.

1892' FNL 577' FEL



SCALE: 1" = 50'
DATE: 6-4-98
Drawn By: D.COX



Elev. Ungraded Ground at Location Stake = 6163.8'
Elev. Graded Ground at Location Stake = 6163.1'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

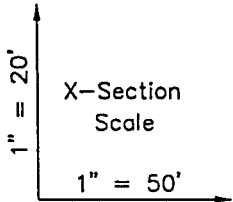
LONE MOUNTAIN PRODUCTION

TYPICAL CROSS SECTIONS FOR

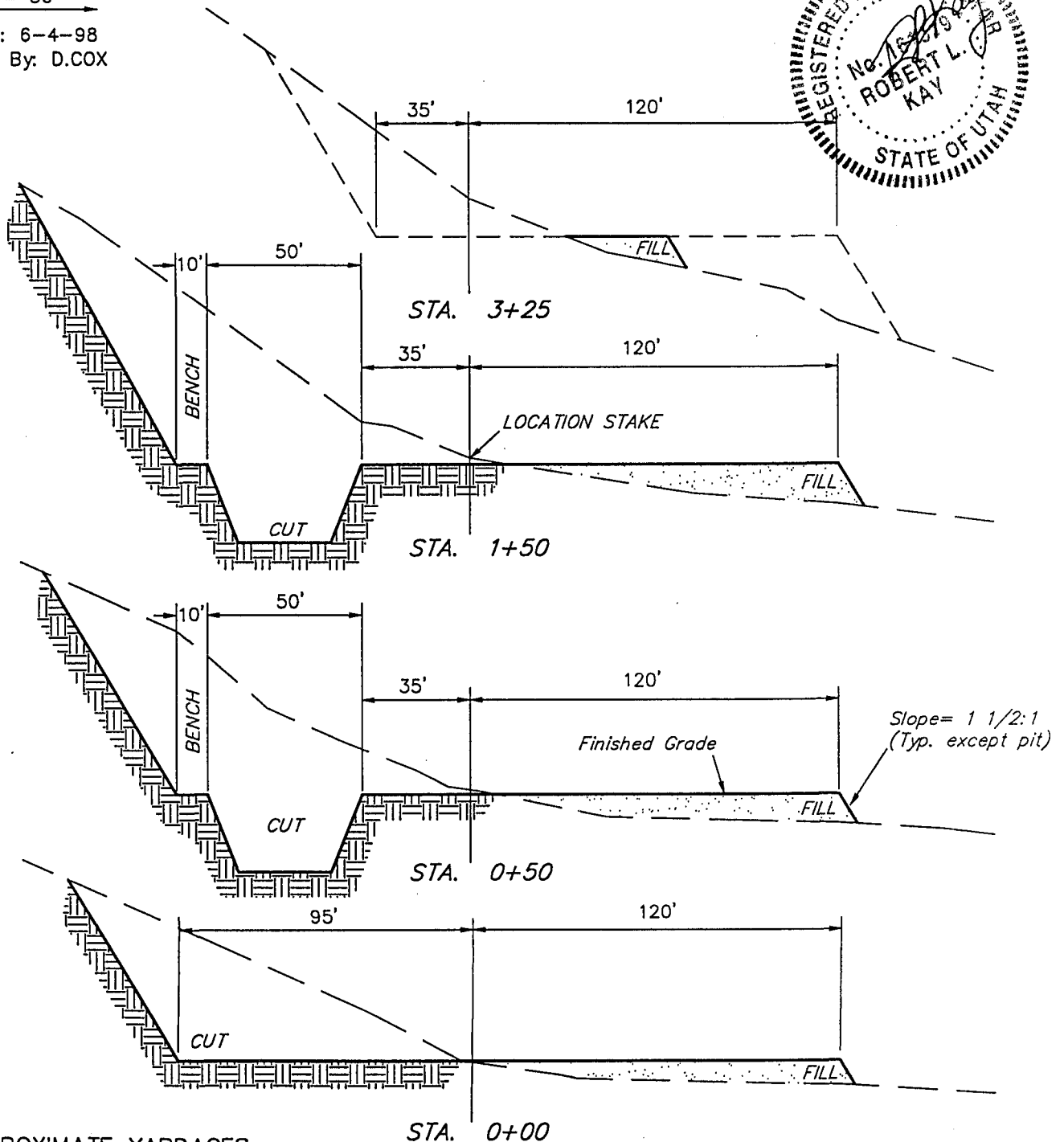
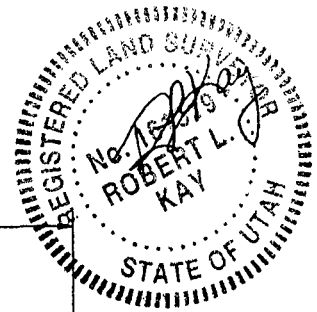
FEDERAL T #42-21

SECTION 21, T12S, R24E, S.L.B.&M.

1892' FNL 577' FEL



DATE: 6-4-98
Drawn By: D.COX

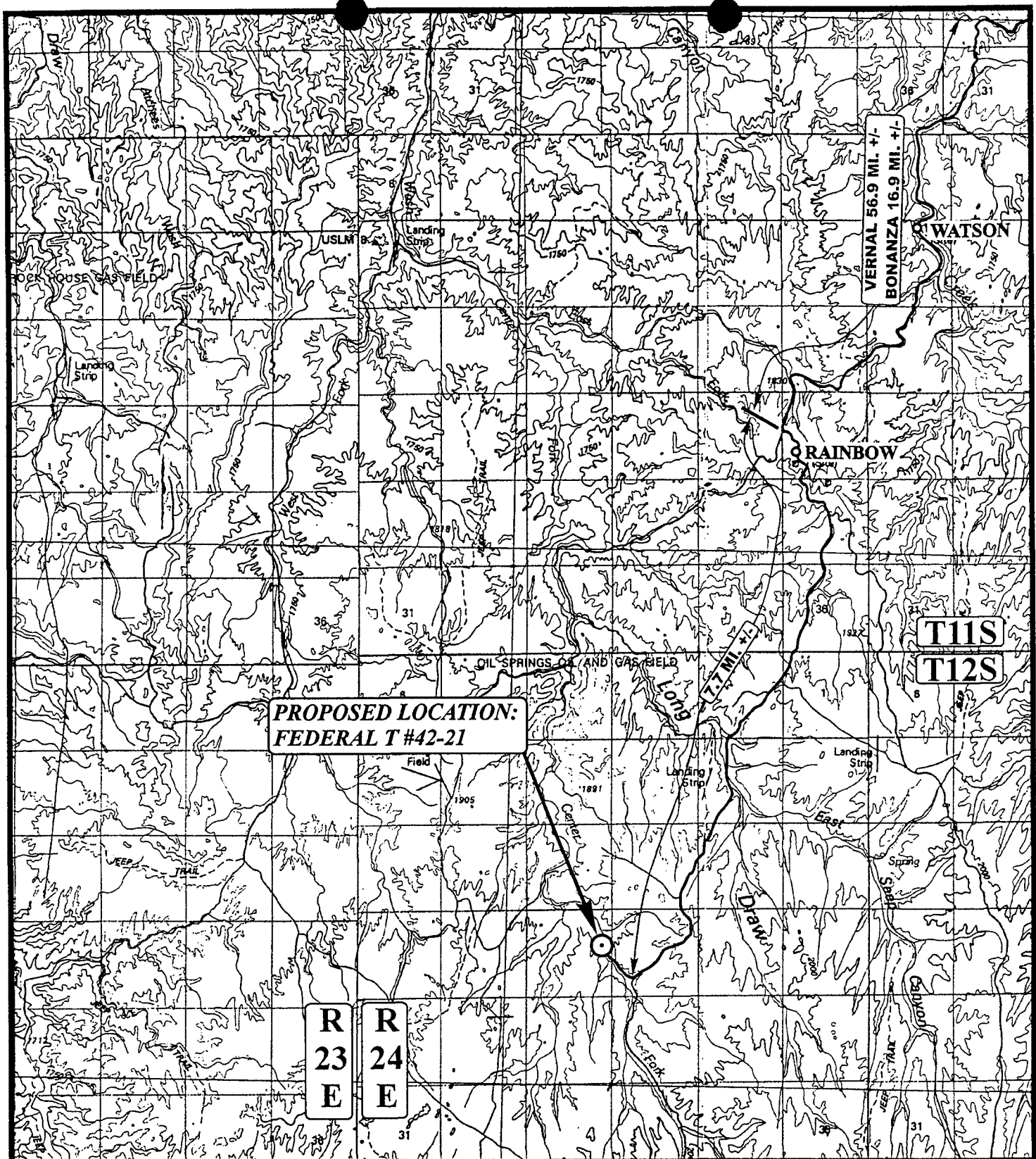


APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,100 Cu. Yds.
Remaining Location	= 14,070 Cu. Yds.
TOTAL CUT	= 15,170 CU.YDS.
FILL	= 4,460 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 10,480 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,360 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 8,120 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION



LONE MOUNTAIN PRODUCTION

FEDERAL T #42-21

SECTION 21, T12S, R24E, S.L.B.&M.

1892' FNL 577' FEL



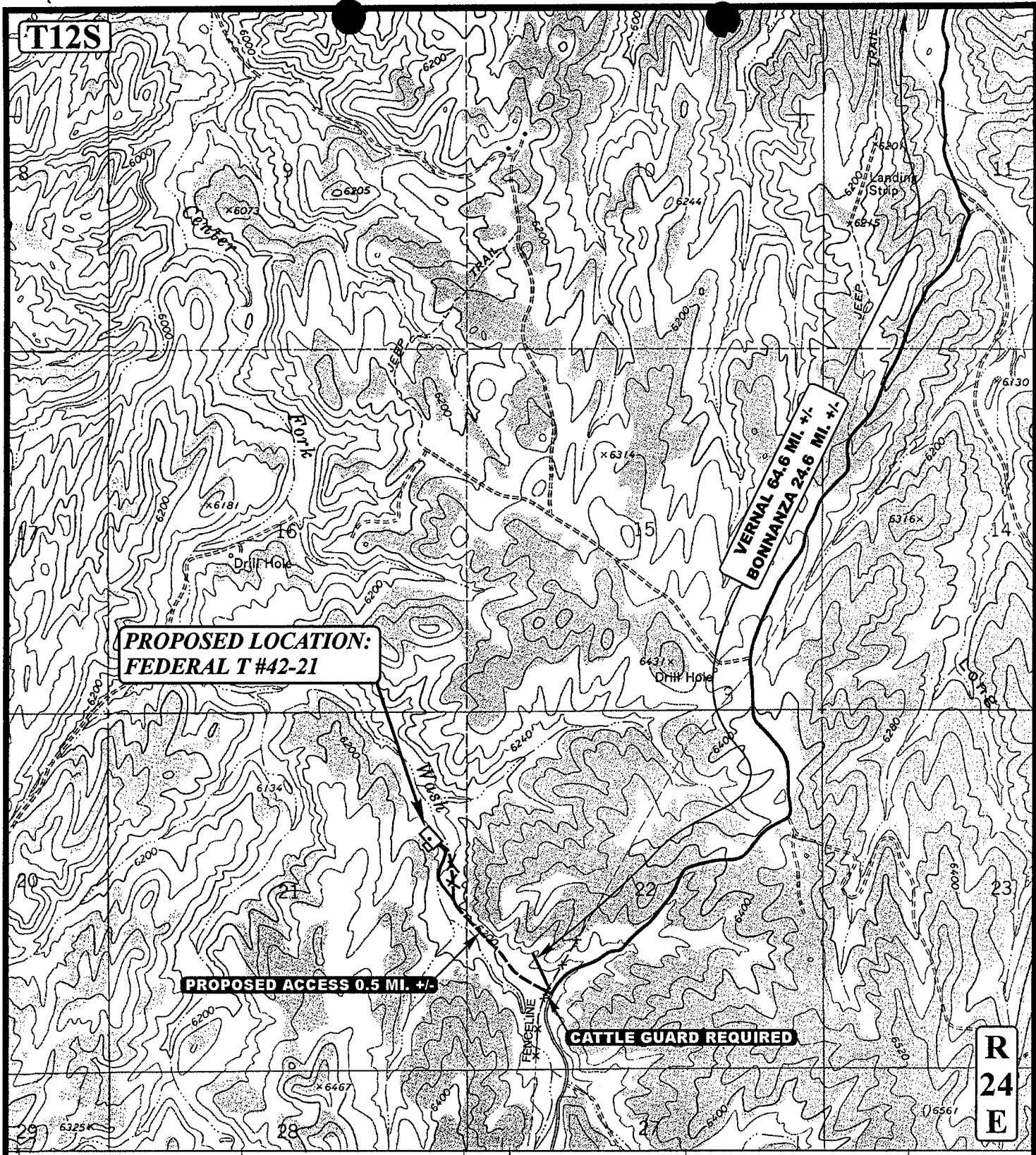
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

6 4 98
MONTH DAY YEAR

SCALE: 1:100,000 | DRAWN BY: D.COX | REVISED: 00-00-00





LEGEND:

--- PROPOSED ACCESS ROAD
 — EXISTING ROAD

N

LONE MOUNTAIN PRODUCTION

**FEDERAL T #42-21
 SECTION 21, T12S, R24E, S.L.B.&M.
 1892' FNL 577' FEL**



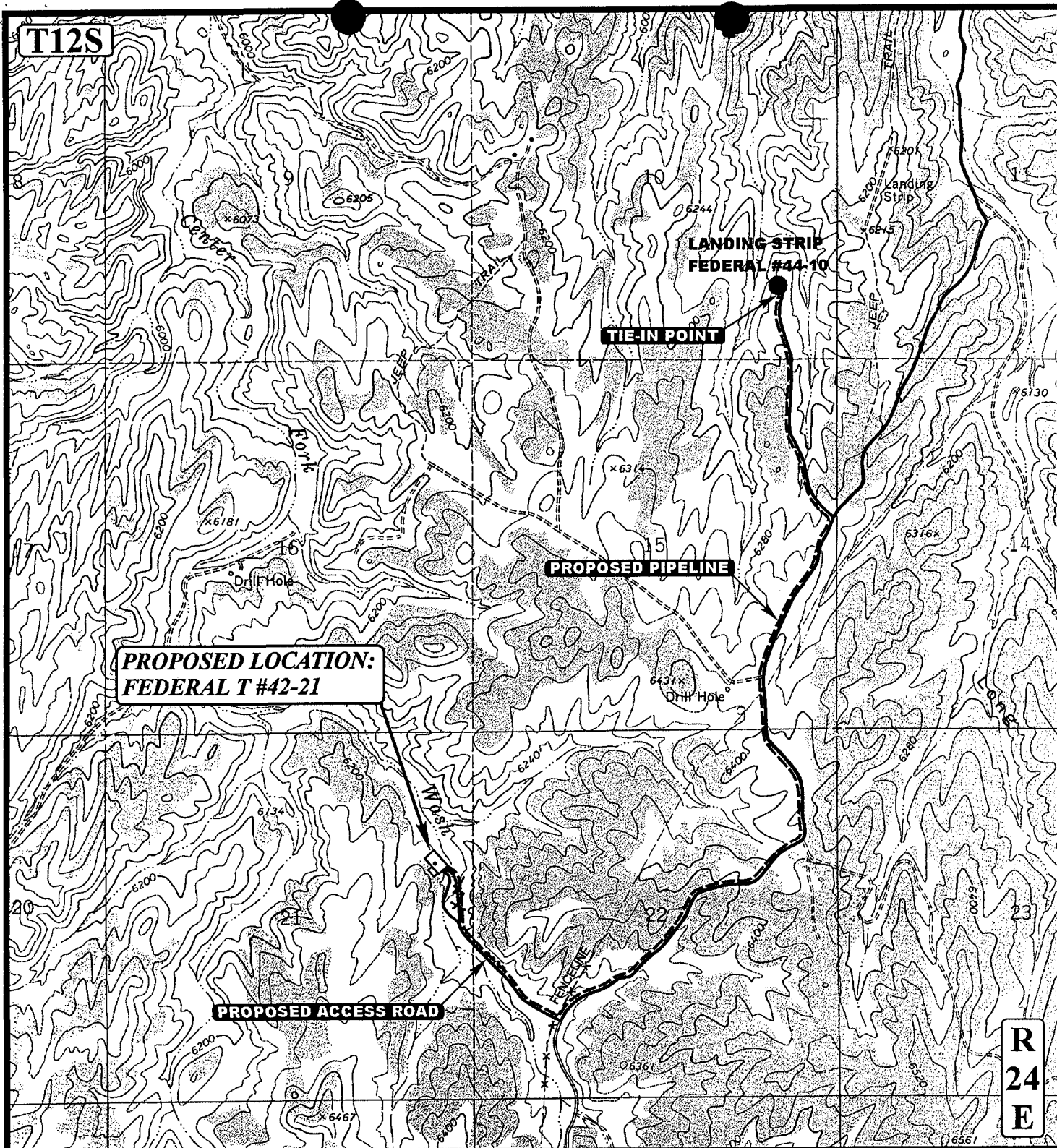
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
 MAP**

6 5 98
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: D.COX REVISED: 00-00-00

**B
 TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 15,700' +/-

LEGEND:

- — — — — EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- — — — — PROPOSED ACCESS



LONE MOUNTAIN PRODUCTION

FEDERAL T #42-21
SECTION 21, T12S, R24E, S.L.B.&M.
1892' FNL 577' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

6 **5** **98**
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: D.COX REVISED: 00-00-00

C
TOPO

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/19/98

API NO. ASSIGNED: 43-047-33257

WELL NAME: FED T 42-21
OPERATOR: LONE MOUNTAIN PROD CO (N7210)
CONTACT: Bill Ryan (435) 789-0968

PROPOSED LOCATION:
SENE 21 - T12S - R24E
SURFACE: 1892-FNL-0577-FEL
BOTTOM: 1892-FNL-0577-FEL
UINTAH COUNTY
UNDESIGNATED FIELD (002)

LEASE TYPE: FED
LEASE NUMBER: UTU-66425
SURFACE OWNER: Federal

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

PROPOSED FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

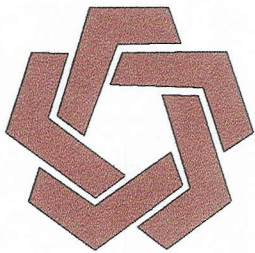
☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(No. UT-0719)
☐ Potash (Y/N)
☐ Oil Shale (Y/N) *190-5(B)
☒ Water Permit
(No. #49-1595)
☐ RDCC Review (Y/N)
(Date: _____)
☐ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit _____
☒ R649-3-2. General
☐ R649-3-3. Exception
☐ Drilling Unit
Board Cause No: _____
Date: _____

COMMENTS:

STIPULATIONS: ① FEDERAL APPROVAL



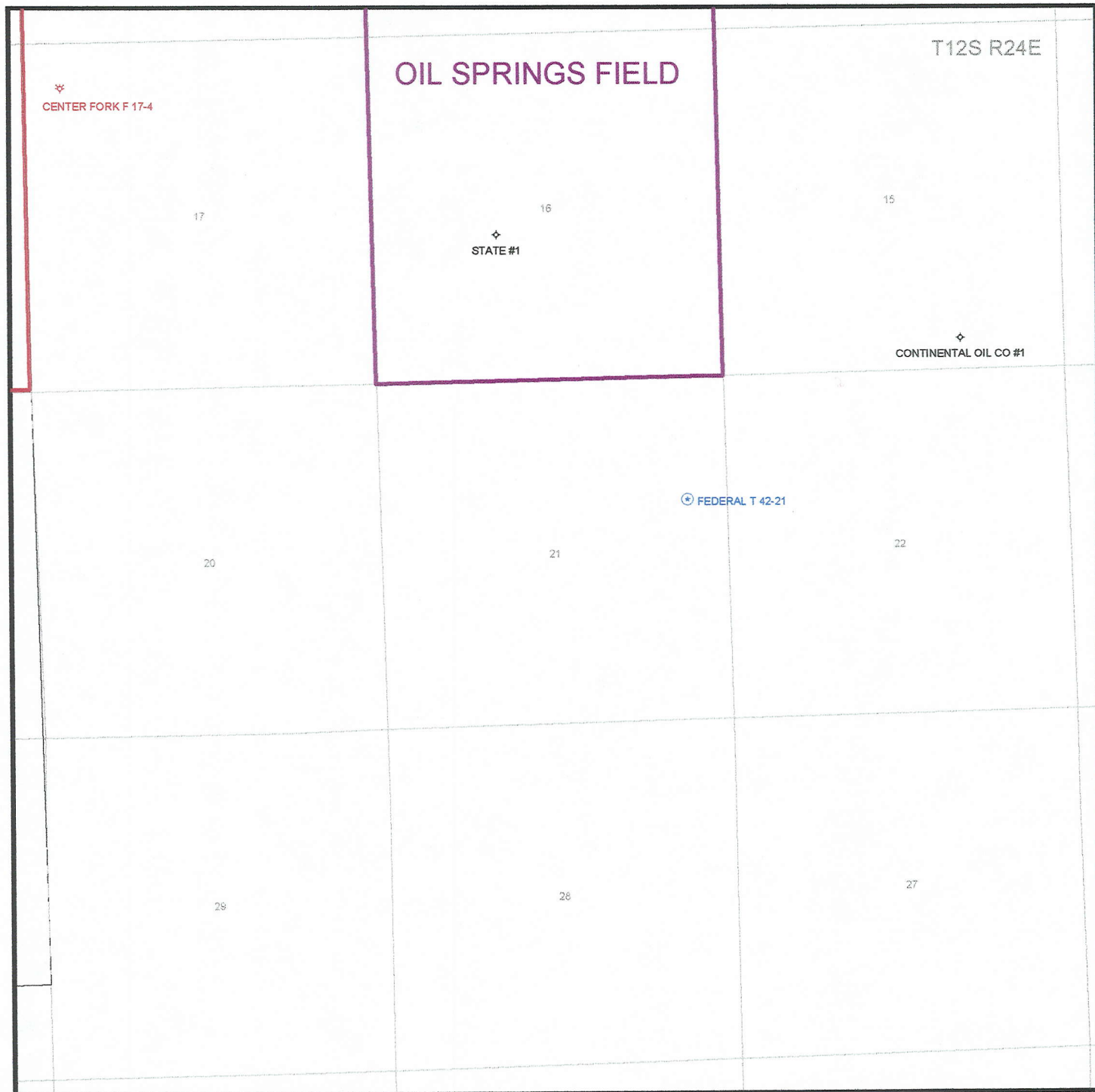
DIVISION OF OIL, GAS & MINING

OPERATOR: LONE MOUNTAIN (N7210)

FIELD: UNDESIGNATED (002)

SEC. 21 TWP 12S, RNG 24E

COUNTY: UINTAH UNIT: NONE



DATE PREPARED:
20-NOV-1998



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

December ~~16~~, 1998

Lone Mountain Production Company
P.O. Box 3394
Billings, Montana 59103

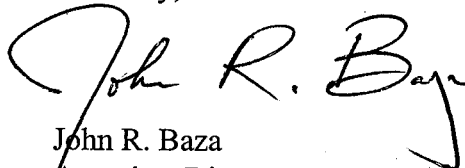
Re: Fed. T 42-21 Well, 1892' FNL, 577' FEL, SE NE, Sec. 21, T. 12 S., R. 24 E.,
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33257.

Sincerely,


John R. Baza
Associate Director

lwp

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Lone Mountain Production Company

Well Name & Number: Fed. T 42-21

API Number: 43-047-33257

Lease: Federal **Surface Owner:** Federal

Location: SE NE **Sec.** 21 **T.** 12 S. **R.** 24 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well. Contact Carol Daniels at (801)538-5284.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
TRIPLICATE*
(Other Instructions on
reverse side)

Form Approved.
Budget Bureau No. 1004-0135
Expires : March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals SUBMIT IN TRIPLICATE		5. LEASE DESIGNATION AND SERIAL NO. UTU-66425
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
		7. IF UNIT OR CA, AGREEMENT DESIGNATION
b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/>		8. WELL NAME and No. Federal No. T 42-21
2. NAME OF OPERATOR Lone Mountain Production Company		9. API WELL NO. 43-047-33257
3. ADDRESS OF OPERATOR P. O. Box 3394, Billings, Montana 59103 (406) 245-5077		10. Field and Pool, or Exploratory Area
4. LOCATION OF WELL (Footage, Sec. T., R., M., or Survey Description) 1892' FNL, 577' FEL Section 21-T12S-R24E (SENE)		11. County or Parish, State Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other <u>APD Extension</u>	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose of Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Lone Mountain Production Company, as operator for White River Resource Management Inc., requests the extension of one year on the approved APD for the subject well.

If additional information is needed please contact the following agent:

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 12/9/99
By: [Signature]

William Ryan
Rocky Mountain Consulting

Phone: (435) 789-0968

RECEIVED

DEC - 6 1999

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Signed: [Signature]

Title: President

Date: December 3, 1999

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____
CONDITIONS OF APPROVAL IF ANY

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions of Reverse Side

Dominion Exploration & Production, Inc.
Four Greenspoint Plaza
16945 Northchase Drive, Suite 1750, Houston, TX 77060-2133



DominionSM

January 18, 2001

Mr. Ed Forsman
Dept. of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Extension for Drilling Permits

Dear Ed:

Dominion Expl. & Prod., Inc. recently acquired the wells listed below. The records supplied to us indicate a number of active permits are due to expire soon. Therefore, we respectfully request a one year extension for the following permits:

<u>Permit No.</u>	<u>Well Name</u>	<u>Location</u>	<u>Lease No.</u>
43-047-33170	A. Fed. H 42-20	Sec. 20-10S-24E	UTU-74480
43-047-33184	A. Fed. H 41-28	Sec. 28-10S-24E	UTU-66421
43-047-33299	Fed. K 12-22	Sec. 22-11S-21E	UTU-75098
43-047-33255	Fed. M 24-22	Sec. 22-11S-23E	UTU-66409
43-047-33258	Fed. M 42-22	Sec. 22-11S-23E	UTU-66409
43-047-33253	Fed. M 22-27	Sec. 27-11S-23E	UTU-66409
43-047-33260	Fed. M 44-29	Sec. 29-11S-23E	UTU-66409
43-047-33254	Fed. N 24-17	Sec. 17-11S-24E	UTU-73920
43-047-33168	Fed. N 41-17	Sec. 17-11S-24E	UTU-73920
43-047-33188	Fed. R 13-30	Sec. 30-12S-22E	UTU-65359
43-047-33263	Fed. H 34-30	Sec. 30-10S-24E	UTU-66421
43-047-33242	Fed. K 23-22	Sec. 22-11S-24E	UTU-75098
43-047-33257	Fed. T 42-21	Sec. 21-12S-24E	UTU-66425
43-047-33192	Fed. R 44-9	Sec. 9-12S-22E	UTU-73908

If you have any questions or require additional information, please contact me at (281) 873-3692.

Sincerely,

DOMINION EXPL. & PROD., INC.

Diann Flowers

Diann Flowers
E&P Regulatory Specialist

Cc: David Linger, Mitch Hall,
Dick Easterwood, Well Files



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 6, 2001

Diann Flowers
Dominion Exploration & Production, Inc.
Four Greenspoint Plaza
16945 Northchase Drive, Suite 1750
Houston, Texas 77060-2133

Re: Extension for Drilling Permits

In response to your letter dated January 18, 2001 (copy enclosed), whereby Dominion E&P Inc. (Dominion) requests a one-year extension for the Application's for Permit to Drill (APD's) listed below, please be advised of the following:

<u>API No.</u>	<u>Well Name</u>	<u>Location</u>	<u>Lease No.</u>
43-047-33184	A Fed H 41-28	Sec. 28-10S-24E	UTU-66421
APD rescinded by the Division December 3, 2000.			

43-047-33168	Fed N 41-17	Sec. 17-11S-24E	UTU-73920
APD rescinded by the Division December 7, 2000.			

43-047-33254	Fed N 24-17	Sec. 17-11S-24E	UTU-73920
BLM never approved APD;the Division rescinded APD December, 9, 2000.			

✓ 43-047-33257	Fed T 42-21	Sec. 21-12S-24E	UTU-66425
BLM never approved APD;the Division rescinded APD December 9, 2000.			

43-047-33192	Fed R 44-9	Sec. 9-T12S-22E	UTU-73908
Well was spud on April 22, 1999;not necessary to request an APD extension.			

43-047-33170	A Fed H 42-20	Sec. 20-10S-24E	UTU-74480
BLM denied APD extension January 19, 2001;permit expires March 8, 2001;the Division will rescind APD upon expiration date unless drilling commences.			

<u>API No.</u>	<u>Well Name</u>	<u>Location</u>	<u>Lease No.</u>
43-047-33299	Fed K 12-22	Sec. 22-11S-21E	UTU-75098
BLM denied APD extension January 19, 2001; permit expires April 21, 2001; the Division will rescind APD upon expiration date unless drilling commences.			

43-047-33255	Fed M 24-22	Sec. 22-11S-23E	UTU-66409
BLM denied APD extension January 19, 2001; permit expired December 28, 2000; the Division rescinded the APD on February 2, 2001, effective December 28, 2000.			

43-047-33258	Fed M 42-22	Sec. 22-11S-23E	UTU-66409
BLM denied APD extension January 19, 2001; permit expired December 28, 2000; the Division rescinded the APD on February 2, 2001, effective December 28, 2000.			

43-047-33253	Fed M 22-27	Sec. 27-11S-23E	UTU-66409
BLM denied APD extension January 19, 2001; permit expired December 28, 2000; the Division rescinded the APD on February 2, 2001, effective December 28, 2000.			

43-047-33260	Fed M 44-29	Sec. 29-11S-23E	UTU-66409
BLM denied APD extension January 19, 2001; permit expired December 28, 2000; the Division rescinded the APD on February 2, 2001, effective December 28, 2000.			

43-047-33188	Fed R 13-30	Sec. 30-12S-22E	UTU-65359
BLM denied APD extension January 19, 2001; permit expires February 10, 2001; the Division will rescind APD upon expiration date unless drilling commences.			

43-047-33263	Fed H 34-30	Sec. 30-10S-24E	UTU-66421
BLM extended APD to April 22, 2001; the Division will rescind APD upon expiration date unless drilling commences.			

43-047-33242	Fed K 23-22	Sec. 22-11S-24E	UTU-75098
BLM extended APD to April 22, 2001; the Division will rescind APD upon expiration date unless drilling commences.			

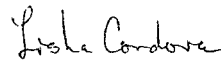
Page 3
Dominion E&P Inc.
February 6, 2001

A new Application for Permit to Drill (APD) must be filed with this office for approval prior to the commencement of any future work on the rescinded locations stated above.

In addition, if any previously unreported operations have been performed on any of the rescinded locations, it is imperative that you notify the Division immediately.

Should you have any questions regarding this matter please call me at the number listed above.

Sincerely,



Lisha Cordova
Eng. Technician

Enclosure(s)

cc: Well File(s)
Petroleum Information